

INVOICE 2839

DOCKET NO.: FCI-2550/C2719

PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:

Olsen, et al.

Confirmation No.: 5391

Application No.: 09/691,811

Group Art Unit: 2839

Filing Date: October 19, 2000

Examiner: Abrams, Neil

For: SELF-CENTERING CONNECTOR WITH HOLD DOWN

DATE OF DEPOSIT: 10/23/03

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

TYPED NAME: Vincent J. Roccia  
REGISTRATION NO.: 43,887

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the above identified application as set forth in § 1.491, before the mailing date

of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with  the first or  second After Final Submission, therefore:
  - Certification in Accordance with § 1.97(e) is attached; or
  - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:
  - Certification in Accordance with § 1.97(e) is attached;
  - or
  - The fee of \$180.00 as set forth in § 1.17(p) is attached.
- In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

EXCEPT THAT:

- In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No.

, filed .

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050. This form is submitted in duplicate.

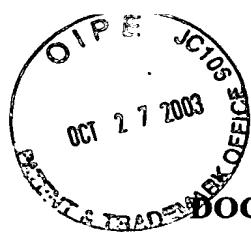
There are no listed references which are not in the English language.

Date: 10/23/03

  
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*[Signature]*  
TYPED NAME: Vincent J. Roccia  
REGISTRATION NO.: 43,887

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**CERTIFICATION UNDER 37 CFR § 1.97(e)**

In accordance with 37 CFR § 1.97(e), certification is hereby made that:

Each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Information Disclosure Statement.

No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in § 1.56(c) more than three months prior to the filing of the information disclosure statement.

Date:

10/23/03



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<b>Form PTO-1449 Modified</b>		Docket No. <b>FCI-2550/C2719</b>	Application No. <b>09/691,811</b>
List of Patent and Publications Cited by Applicant (Use several sheets if necessary)		Applicant <b>Olsen, et al.</b>	
U.S. Department of Commerce Patent and Trademark Office		Filing Date <b>October 19, 2000</b>	Group <b>2839</b>
		Confirmation No. <b>5391</b>	
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>			
	<b>36</b>	Ray, S. et al., "Clasp Ceramic Column Grid Array Technology for Flip Chip Carriers", <i>Advanced Packaging Technologies tutorial-Semicon, 1999</i> , A1-A7	
<b>EXAMINER</b>		<b>DATE CONSIDERED</b>	



**Form PTO-1449 Modified**

List of Patent and Publications  
Cited by Applicant  
(Use several sheets if necessary)

U.S. Department of Commerce  
Patent and Trademark Office

Docket No. <b>FCI-2550/C2719</b>	Application No. <b>09/691,811</b>
Applicant <b>Olsen, et al.</b>	
Filing Date <b>October 19, 2000</b>	Group <b>2839</b>
Confirmation No. <b>5391</b>	

**U. S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Name	Class	Subclass
	<b>37</b>	5,086,966	02/11/92	Melton, et al.	228	208
	<b>38</b>	5,261,593	11/16/93	Casson, et al.	228	180.22
	<b>39</b>	5,729,896	03/24/98	Dalal, et al.	29	840
	<b>40</b>	5,735,452	04/07/98	Yu, et al.	228	254
	<b>41</b>	5,751,556	05/12/98	Butler, et al.	361	773
	<b>42</b>	5,796,590	08/18/98	Klein	361	774
	<b>43</b>	5,893,725	04/13/99	Bhansali, Ameet	438	108
	<b>44</b>	5,969,945	10/19/99	Cutting, et al.	361	704
	<b>45</b>	6,325,644 B1	12/04/01	Lemke, et al.	439	83
	<b>46</b>	6,529,385 B1	03/04/03	Brady, et al.	361	766
	<b>47</b>	6,544,046 B1	04/08/03	Hahn, et al.	439	83

**FOREIGN PATENT DOCUMENTS**

Examiner Initial		Document No.	Date	Country	Translation	
					YES	NO

**EXAMINER**

**DATE CONSIDERED**